

CARTER COUNTY

CLIMATE SUMMARY

AVERAGES

TEMPERATURE (°F)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
DAILY AVG	39.6	44.0	51.9	60.4	69.1	77.6	82.1	81.5	73.6	62.3	50.9	41.6	61.2
DAILY MIN	26.5	30.9	38.7	47.0	57.3	66.0	69.4	68.3	60.4	48.3	37.5	28.9	48.3
DAILY MAX	52.6	57.1	65.1	73.8	80.8	89.2	94.7	94.2	86.7	76.2	64.4	54.3	74.1

Annual number of days max temperature is greater than 90°F: 84

Annual number of days max temperature is greater than 100°F: 17

Annual number of days max temperature is less than 32°F: 5

Annual number of days min temperature is less than 32°F: 74

Annual number of heating degree days (HDD): 3354

Annual number of cooling degree days (CDD): 2000

Annual length of growing season: 204 days

Date of first fall freeze: November 1

Date of last spring freeze: April 6

PRECIPITATION													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
AMOUNT (in.)	1.75	2.05	2.76	3.26	5.20	3.92	2.82	2.63	3.71	3.85	2.69	2.35	36.99
NUMBER OF DAYS WITH RAIN	5.1	5.9	6.7	6.6	8.7	7.2	5.3	5.7	6.6	6.4	5.2	5.7	75.1

Annual snowfall: 2.6 in.

Annual percent sunshine (2006-2020): 67%

Annual number of thunderstorm days (1901-1995): 45

Annual number of hail (>1 in.) days (1986-2015): 5+

Annual number of tornadoes (1950-2021): 0.82

Total number of tornadoes (1950-2021): 59

Notes:

1.) Average first and last freeze dates are based on the 50th probability percentile.

2.) Unless noted, averages/normals are based on the 1991-2020 period.

RECORDS & EXTREMES

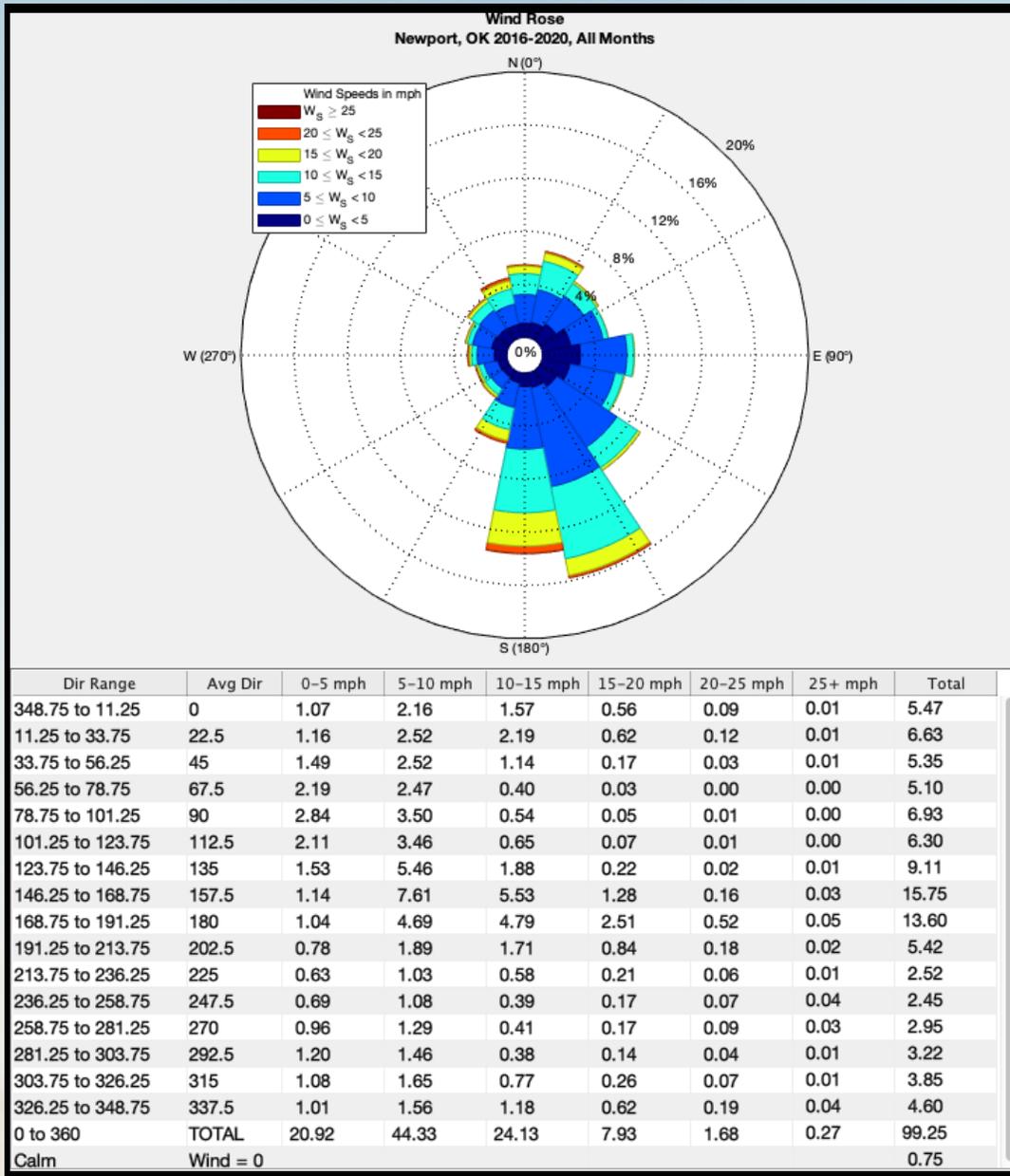
Record high temperature: 115°F (August 2, 1896)
Record low temperature: -17°F (February 16, 2021)
Earliest freeze date: October 15
Latest freeze date: April 25
Wettest year: 78.41 in. (2015)
Driest year: 14.81 in. (1963)
Greatest daily rainfall: 12.53 in. (June 18, 2015)
Greatest seasonal snowfall (Sep - Apr): 18.3 in. (1977-1978)
Greatest daily snowfall: 9.0 in. (December 25, 2009)

Note: Extreme earliest and latest freeze dates are based on the 10th probability percentile.

HOLIDAY STATS

	AVG MAX TEMP (°F)	AVG MIN TEMP (°F)	RECORD HIGH (°F)	RECORD LOW (°F)
NEW YEAR'S EVE, December 31	52	27	76 (1920)	5 (1969)
VALENTINE'S DAY, February 14	58	30	84 (1979)	9 (2021)
INDEPENDENCE DAY, July 4	93	69	107 (1980)	55 (1906)
HALLOWEEN, October 31	71	44	89 (1992)	18 (1993)
CHRISTMAS, December 25	50	26	74 (1904)	2 (1983)





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